

FEDERAL BUREAU OF INVESTIGATION  
FOI/PA  
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FOI/PA# 1378804-0

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UNITED STATES GOVERNMENT

# Memorandum

TO :

DIRECTOR, FBI

DATE: 5/20/68

FROM :

SAC, Philadelphia [redacted] (RUC)

SUBJECT:

ELIAS BURSTEIN  
IS - R  
(OO: LA)

ReBulet to Los Angeles 4/18/68.

On 5/15/68

[redacted] an established source, (PROTECT IDENTITY) advised SA FRANCIS J. GAFFNEY [redacted] Dr. ELIAS BURSTEIN is a Professor in the Physics Department, U. of Pa., and is on a "Scholarly Leave of Absence" for the entire academic year 1967-68. The file did not show where he was spending the sabbatical leave. The file listed his permanent residence as 729 Arlington Road, Northerly, Pa. His wife was listed as RENA B. BURSTEIN, and her date of birth was shown as 7/12/26. Dr. BURSTEIN has been a member of the faculty at the U. of Pa. since 9/1/58.

The file indicated Dr. BURSTEIN had given the following "Invited Talks:"

1. International Conference on Lattice Dynamics, Copenhagen, Denmark, August 1963
2. Four lectures on the "Interaction Between Phonons and Photons" given at the NATO Summer School on Phonons and Phonon Interactions, Aarlius, Denmark, in August 1963
3. Colloquium on "Infrared and Roman Spectia" Cambridge University, Cambridge, England, July 1963.
4. Colloquium on "Spatial Dispersion Effects in Semiconductors and Metals," University of North Carolina, May 1963

- ② - Bureau (RM)
- 2 - Los Angeles (RM)
- 2 - WFO (RM)
- 1 - Philadelphia [redacted]

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[REDACTED]

5. Colloquium on "Azbel Kaner Cyclotron Resonance", Bedford College, University of London, London, England, July 1963

The file also indicated Dr. BURSTEIN held membership in the following professional organizations:

1. Planning Committee for the "Conference on Single Crystal Thin Films" held in May 1963

2. Chairman of the Planning and Executive Committee on the "International Conference on Lattice Dynamics" held in Copenhagen, Denmark, August 1963

The file indicated Dr. BURSTEIN was active in these additional Professional and Service Activities:

1. Chairman, Ad Hoc Committee for Materials Sciences of the National Bureau of Standards

2. Member, International Organizing Committee for the "International Conference on the Physics of Semiconductors" held in Paris, France, July 1964.

3. Consultant in Solid State Physics, Philco Scientific Laboratory, Philadelphia, Pa.

4. "University Advisor," Texas Instruments Corporation, Dallas, Texas

5. Consultant to Semiconductor Branch, U.S. Naval Research Laboratory, Washington, D.C.

On 3/13/62, [REDACTED] (an established source - protect identity), [REDACTED] advised SA [REDACTED] Professor BURSTEIN and knows of no reason why [REDACTED]

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The following background information concerning Dr. BURSTEIN was furnished by [REDACTED]

[REDACTED]

Name	ELIAS BURSTEIN
Born	9/30/17, New York City
Social Security #	104-01-3130
Address	181 Hillside Circle, Villanova, Pa.
Education	Brooklyn College, BA, 1938; Kansas University, MA, 1941; Further graduate study at Catholic University and MIT
Employment	Assistant Instructor, Chemistry Dept., University of Kansas, 1939 - 1941; Research Associate, NDRC Project, 1943-1944; Project Engineer (BUSHIPS Contract) at White Research Associates, Boston, Mass., 1944-1945; Physicist, Capital Branch, U.S. Naval Research Laboratory, 1945-1958; Professor of Physics, University of Pennsylvania, since 9/1/58
Marital Status	Married - wife - RENA - children - 3

The files of the Philadelphia Office reflected that in January 1961 Dr. BURSTEIN furnished information to [REDACTED] concerning "The Visit of Soviets to Conference on Tunnel Phenomena and Meeting of American Physical Society 1961," [REDACTED]

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Dr. BURSTEIN was used as a source of information by this office [REDACTED]

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The files of the Philadelphia Office reflect the following additional information:

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Dr. BURSTEIN was host to [REDACTED]

who

[REDACTED] Dr. BRUSTEIN was also utilized by this office as a source of information in this matter.

[REDACTED]

Dr. BURSTEIN was listed as the U. of Pa. host to VLADIMIR MAKSIMOVICH TUCHKEVICH, a Soviet National who visited the U.S. during October and November 1963 and was scheduled to visit the U. of Pa. on 11/1/63.

[REDACTED]

[REDACTED]

No further information came to the attention of this office as a result of the visits of TUCHLSEVICH, BRAHMS, or ZAKHARCHENYA.

On 8/14/67 CSC made an inquiry regarding the subject and was advised that no investigation had been conducted by the FBI at Philadelphia. The CSC investigator was furnished background from the above references.

Indices of the Philadelphia Office contain no record of RENA B. BURSTEIN.

UNITED STATES GOVERNMENT

# Memorandum

TO : DIRECTOR, FBI

DATE: 5/31/68

FROM : SAC, WFO  (RUC)

b3

SUBJECT: ELIAS BURSTEIN  
IS - R  
(OO:LA)

Re Bulet 4/18/68, requesting WFO to check appropriate records, United States Department of State (USDS).

On 5/17/68, the following information was obtained from a review of the passport file on ELIAS BURSTEIN, born 9/30/17, New York, New York:

BURSTEIN made application for a passport on 5/11/66, at the District Court, Eastern District of Pennsylvania, and was issued Passport #571015 on 5/17/66, at Washington, D.C. The passport application indicated BURSTEIN planned to depart Philadelphia, Pa., on 6/17/66, via TWA Airlines for an intended stay abroad of six weeks. The purpose of his trip was indicated to be for vacation with family and attend conference and NATO Advanced Study Institute in Italy. His proposed itinerary was listed as France, Israel, Greece, Italy and Austria.

This passport is valid for three years travel to all countries except Albania, Cuba, and those portions of China, Korea, and Vietnam under Communist control. BURSTEIN indicated that his wife, RENA BURSTEIN, address 729 Arlington Road, Narberth, Pa., should be notified in the event of death or accident.

RENA RUTH BENSON BURSTEIN EX 110

- ② Bureau  
2- Los Angeles (RM)  
2- Philadelphia (RM)  
1- WFO

D. Prob. 7-12-26

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SOVIET SECTION

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BURSTEIN was previously issued Passport #B327155 on 4/20/61, in WDC. At that time he indicated he planned travel to France and England for 1½ weeks, to attend NATO sponsored conference on Materials Science, 5/15-19/61. He indicated he planned to depart Philadelphia or WDC via Military Air Transportation Service (MATS) or Pan American (Pan Am) on 5/12/61.

BURSTEIN renewed Passport #B327155 on 4/8/64. At that time BURSTEIN indicated he planned to depart the U.S. on 7/15/64, from New York or Philadelphia for a one month visit to France, Belgium, Switzerland, Denmark and England to attend an international conference.

On the passport renewal application, under the caption "Previous travel outside the U.S.," BURSTEIN listed the following:

5/13/61 - 5/25/61	Oxford, England; Paris, France; and Zurich, Switzerland
July, 1962	London, Exeter, Oxford, and Cambridge, England
6/28/63 - 8/24/63	London, Oxford, and Cambridge, England; Paris, France; Amsterdam, Holland; Copenhagen and Aarhus, Denmark, and Goteburg, Sweden
10/4/63 - 10/7/63	Paris, France, and London, England

BURSTEIN was issued Passport #159479 on 5/15/58, in WDC, and indicated he planned to depart the U.S. on 5/21/58, from Andrews Air Force Base, via MATS, for two months travel to France, England, and Brussels, to participate in a conference on Spectroscopy of Solids and to visit various research laboratories and universities. The passport application indicated that this travel was in connection with official business for the U.S. Navy Department.

BURSTEIN was identified as a physicist, GS 14, and this was a special passport issued at the request of the Navy Department.

The following background data was obtained from BURSTEIN's passport file:

Name: ELIAS BURSTEIN  
 Date of Birth: 9/30/17, at New York, New York  
 Height: 5'7½"  
 Hair: Brown  
 Eyes: Brown  
 Occupation: Professor of physics  
 Permanent residence: 729 Arlington Road, Narberth, Pa.  
 Relatives:  
     Father: M L O M U S SAMUAL BURSTEIN, born 1/23/90,  
             Russia (U.S. citizen) ~~X~~ Burstein N.Y.  
     Mother: SARAH PLOTKIN, born 8/17/96,  
             Russia (U.S. citizen)  
     Wife: RENA RUTH BENSON, born 7/12/26,  
             New York, New York; married 6/17/43

Subject's passport photograph has been copied and prints will be furnished to Los Angeles and Philadelphia by routing slip when available.

On 5/8/68, SA [ ] was advised that files of the Office of Security, USDS, contained no information identifiable with ELIAS BURSTEIN.

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WFO files contain the following information concerning ELIAS BURSTEIN:

In case captioned "Visit of Soviets to Conference on Tunnel Phenomena and Meeting of American Physical Society, 1961, IS-R," [ ] ELIAS BURSTEIN, Professor, University of Pennsylvania, is listed as having invited and acted as sponsor for the visit of two Soviet

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[REDACTED]

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scientists to this conference. The Soviets were identified  
as [REDACTED] born [REDACTED] and [REDACTED]

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[REDACTED] born [REDACTED]

In case captioned "BORIS PETROVICH ZAKHARCHENYA,  
aka IS-R (GROUP)," it is reported that ZAKHARCHENYA, identified  
as a scientific employee, Institute of Physical Technology,  
visited the U.S. 1/6/67 to 7/5/67. His visit was sponsored  
by the U.S. Academy of Science under the provisions of the  
East-West Exchange Agreement. Professor ELIAS BURSTEIN,  
University of Pennsylvania, acted as host to ZAKHARCHENYA  
during his visit to Philadelphia, Pa, 6/12/67 - 6/13/67.

WFO files contain other reference to ELIAS BURSTEIN;  
however, this information was reported in WFOlet 1/27/53,  
WFOfile 116-94842, during the AEAA investigation and does not  
appear to be pertinent to this investigation. The Bureau  
has furnished Los Angeles copies of the results of the  
AEAA investigation.

UNITED STATES GOVERNMENT

# Memorandum

TO : DIRECTOR, FBI

DATE: 6/24/68

FROM : SAC, LOS ANGELES [REDACTED] (RUC)

SUBJECT: ELIAS BURSTEIN  
IS - R  
OO: Philadelphia

Re Bureau letter to Los Angeles dated 4/18/68;  
Philadelphia letter to the Bureau dated 5/20/68 and  
Washington Field letter to the Bureau dated 5/31/68..

Enclosed for Philadelphia are Springfield report dated 1/9/53, Kansas City report dated 1/23/53, New York report dated 1/26/53, Boston report dated 1/27/53 and Washington Field report dated 1/27/53, all captioned "ELIAS BURSTEIN - WA - [REDACTED] AEAA." One photograph of subject taken 5/11/66 is also enclosed.

On 6/14/68, [REDACTED]

[REDACTED] (established source) having previously been advised of the Bureau's interest in travel of individuals behind the Iron Curtain, advised that ELIAS BURSTEIN, Professor of Physics, University of Pennsylvania and a guest lecturer at UCI during the 1967 to 1968 scholastic year, had returned to his home at Narbeth, Pennsylvania and to his position at the University of Pennsylvania. [REDACTED] also advised that BURSTEIN had accepted an invitation to attend an International Conference on the Physics of Semi-Conductors in Moscow, USSR during the early summer of 1968. During his stay at UCI, BURSTEIN resided at 3124A Breakers Drive, Costa Mesa, California with his wife RENA BURSTEIN.

Los Angeles indices are negative on subject.

- 2 - Bureau (RM)
- 2 - Philadelphia [REDACTED]
- 1 - Los Angeles

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(Enc. 6) (RM)

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16 JUN 29

SOVIET EXTENSION

Records, Costa Mesa Police Department (6/7/68) and Orange County Sheriff's Office, Santa Ana, California, (6/4/68) were negative on subject. Records, Western Orange County Credit Bureau, Costa Mesa, California, (6/7/68) contained a file on subject but no additional information to that set forth above.

In view of the fact that subject has returned to the University of Pennsylvania and will be attending the conference in Moscow in the future, the Philadelphia Office is being considered origin in this matter. //